

ABSTRACT

A sensing device for sensing a product item provided in a sensing region, wherein the product item includes an interface surface having disposed thereon at least one of:

5 (a) coded data which includes, at a plurality of locations on the interface surface, a corresponding plurality of coded data portions, each coded data portion being indicative of an identity of the product item; and,

(b) a barcode which encodes an identifier;

the sensing device including:

10 (i) a coded data sensor for sensing at least one coded data portion;

(ii) a barcode sensor for sensing the barcode;

(iii) a processor for generating identity data indicative of the identity of the product item using at least one of:

(1) the at least one sensed coded data portion; and,

(2) the barcode;

15 (c) a communicator for transferring the indicating data to a computer system.